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March 1962

For The Addition

of

New Descriptor Words

See

E., F. Mellon

- 1 -

Abrasion, LRAU

Abrasives, VPJV

Absorbance, UREU

Absorption, IHHI

See also Heat of absorption
Imbibition

Absorption (from digestive tract), CXQB

Absorption (by skin), SVRR

Absorption bases, MHQH

See also Creams, cosmetic
Ointments

Absorption bases, lanolin, KPTW

Absorption cells, TSOD

Absorption, microwave, JQEI

Absorption spectra, LLDF

Absorptivity, KDSG

Accuracy, JPUV

Acer saccharum, EGOO

Acetaldehyde, NOUN

Acetamide, NBVA

Acetamide addition compounds, ESTE

Acetic acid, MVRX

Acetoacetates, LTIL

Acetoacetic acid, UUME

Acetoacetic ester condensation, KHSF

Acetobacter & acetomonas, JNUR

Acetoglycerides, NIAH

See also Demiglycerides

Acetol, GOQV

Acetone, RTWW

Acetovanillone, SDMG

Acetulan, PLIN

Acetylation, IUXP

Acetylation of resistant groups, WMUD

Acetylene compounds, RBOH

Acetyl group, BKMA

Acetyl group determination, JVDN

Acetyl number, VTNR

Acid-base binding, SKRU

Acid bromides, UDKN

Acid chlorides, VKFJ

Acid halides, XANU

Acid halides, long-chain, IDQV

Acid iodides, UGVC

Acid mantle (of skin), SJKF

Acid number, DGAT

See also Neutralization equivalent

Acids, JWCV

See also Fatty acids

Acids, aromatic, JSXM

Acids, branched-chain, FMOP

Acids, carboxylic, JGQF

Acids, dibasic, RBLH

Acids, halogenated, WVMJ

Acids, hydroxy, ETDO

Acids, organic, AURA

Acids, organic, non-volatile, WROD

Acids, organic, strong, WRDN

Acids, organic, volatile, DBDO

Acids, sulfinic, KKDT

Acids, sulfonic, FJTD

Acids, tricarboxylic, UENS

Aconitic acid, IWHI

Acrolein, DVLQ

Acrylates, CNLB

Acrylic acid, WVCF

Acrylonitrile, KABW

ACTH, PQTE

Actinides, OJAX

See also Transuranium elements

Actinometry, HWDN

Activated sludge, NKFI

Active sites, LQDR

Active transport (through membranes), MPGV

Activity, USND

Actomyosins, URPF

Acylation, PPSI

See also Acetylation
Esterification

Acy1 bromides, UDKN

Acy1 chlorides, VKFJ

N-Acyl groups, RVPF

O-Acyl groups, ASJK

Acyl halides, XANU

Acyl halides, long-chain, IDQV

Acyl iodides, UGVC

Acyloin reaction, IOPT

Acyloins, FWCA

See also Ketols

Adaptation, KBJO

Addition compounds, UDEQ

See also Chelate compounds

Addition reactions, QOML

Additives, OTAH

Additives, food, SSCV

Additives for lubricants, KGKP

Additives, paint, DNVB

Adducts, HJJB

Adenosine triphosphates, PRFB

Adhesion, AEOK

See also Heat of adhesion

Adhesives, LCXE

See also Glue

Adiposity, GFKO

Adsorbents, GCFG

Adsorption, QLNW

See also Analysis

Chromatography

Heat of adsorption

Adsorption isotherms, RUCI

Adulterants, ENBJ

Adventitious organisms, DRJA

Advisory committees, FOCH

Aeration, MLPA

Aerogels, RWJE

Aerosols (the colloids), BVBI

Aerosols (the surfactants), HWLX

Agar-agar, MBPV

Agents, SOQM

Agglomeration, HXEM

Aging, BHCV

Agitation, GADD

Agitators, OQWK

Agitators, vertically-acting, VLTL

Agnosterol, FOIA

Agricultural chemicals, LRDO

Agricultural economics, TXQW

Agricultural research, KRKJ

Agriculture, TDNF

Agronomy, TDNF

Air conditioners, HCIL

Air cooling, POXM

See also Heat exchangers

Air-cured, PPIT

Air freshners, RMEU

Air lifts, QULJ

Alanine, HJJR

Albolene, NGHD

Albuminoids, MIBH
See also Collagen
Elastin
Keratin

Albumins, BCPF

Albumoses, LIOV

Alcaptonuria, BCQU

Alcian Blue stain, XFPR

Alcoholates, KDQM

Alcohols, PNHW
See also Ether-alcohols
Hydroxy
Hydroxyl
Ketols

Alcohols, branched chain, JSRJ

Alcohols, cyclic, DBHG

Alcohols, dihydric, LAPN

Alcohols, diunsaturated, BVJX

Alcohols, long-chain, ECLN

Alcohols, monohydric, FQLH

Alcohols, monounsaturated, RRWF

Alcohols, odd-carbon, OOSL

Alcohols, polyhydric, LCGU

Alcohols, polyunsaturated, RATT

Alcohols, primary, GNAO

Alcohols, secondary, MOMR

Alcohols, short-chain, TSET

Alcohols, sulfated, BWDD

Alcohols, tertiary, IUKK

Alcohols, unsaturated, NOBW

Alcoholysis, OPRO

See also Interesterification
Transesterification

Alcolans, KPTW

Aldehyde-Fuchsin stains, ULCN

Aldehydes, QDNP

Aldehydes, hydroxy, EFCH

Aldehydes, long-chain, DLCI

Aldehydes, unsaturated, ECPL

Aldohexoses, UMPO

Aldolase, LQTA

Aldonic acids, FCUH

Aldopentose hydrazones, KDLE

Aldopentoses, OPWW

Aldoses, IFPD

Alfalfa, EFKV

Algae, UFTE

Alginic acid, LUAR

Alicyclic compounds, WTDS

Aliphatic compounds, RVIW

Aliphatic 2,4-dienols, IQTP

Alkalies, QKUS

Alkali fusion, GJXJ

Alkali metal dispersion, TJXS

Alkali metals & compounds, TRDT

Alkaline cobalt carbonate, LUWE

Alkaline degradation, DIGR

Alkaline earth metals & compounds, QLSI

Alkaline earth soaps, SDRK

Alkaloids, UKPI

Alkanes, XFFG

Alkanes, sulfonated, QFOO

Alkanolamides, DTCR

Alkanolamines, KEKK

Alkanesulfonates, FOET

Alkenes, GCBF

Alkenyl succinic anhydrides, FKRM

Alkoxides, KDQM

Alkyd resin modifiers, PVPA

Alkyd resins, VSFI

Alkylation, ERHJ

Alkylbenzenesulfonates, PNAO

Alkyl chlorides, SSHO

Alkyl chlorides, long-chain, UXAE

Alkyl disulfides, JCLX

Alkyl groups, XIMF

Alkyl halides, EFEA

Alkyl halides, long-chain, WQOO

Alkyl hydrogen sulfates, BWDD

Alkyl hydroperoxides, WMMH

Alkylnaphthalenes, UCBL

Alkylolamides, DTCR

Alkylolamines, KEKK

Alkyl phenols, OXVP

Alkyl sulfates, GTKF

Alkylsulfuric acids, BWDD

Allantoin, PSKD

Allergy and allergens, PNXK

See also Dermatitis

Allophanates, CREV

Allose, LRAW

Alloys, PJXB

Alloxan, SAIK

Allulose, FLLU

Allyl esters, QNMF

Allyl ethers, IVUO

Allyl groups, WEFL

Alumina, JLLO

Aluminum, GRUC

Aluminum acetate, RSXK

Aluminum chloride, GHBO

Aluminum lithium hydride, VIOT

Aluminum oxide, JLLO

Aluminum silicates (natural), RCWQ

Aluminum soaps, IJBC

- Aluminum sulfate, BLJB
See also Alums
- Alums, OGQH
See also Aluminum sulfate
- Amadori rearrangement, LHHQ
- Ambergris, WTCD
- Amberlite IRA-400, ELPH
- Amberlites, WVBV
See also Ion-exchanging substances
- Ambrettolide, USEC
- Ameba (Amoebae), SIAX
- Amerchol bases, KPTW
- Amerchol L-101, KMRG
- Amide-esters, JXFA
- Amides, ENRC
- Amides, branched chain, RATP
- Amides, long-chain, LSXO
- Amides, N-disubstituted, AEVU
- Amides, N-monosubstituted, PPRE
- Amides, N-unsaturated, DDXG
- Amides, secondary, PPRE
- Amides, tertiary, AEVU
- Amidines, VDLI
- Amido-ethers, TXRC
- Amination, WLDC
- Amine oxides, NMFI
- Amines, VAAI

Amine salts, FEUD

Amines, branched-chain, XPPR

Amines, long-chain, XGIR

Amines, primary, JVSC

Amines, secondary, XLTO

Amines, tertiary, DRJK

Amines, volatile, TCXX

Amino acid esters, CKXW

Amino acids, GOUI

See also individual amino acids

Amino acids, acylated, EKMN

Amino acids, essential, KRLQ

γ -Aminobutyric acid, FLSH

Amino compounds, UMQA

Amino groups, UGKH

Amino groups, alpha-, HGAN

Amino groups, epsilon-, PDWN

Aminohippuric acid, DOFC

Aminolysis, NBOS

Aminomethanesulfonates, LQVV

Aminopeptidases, HNQU

Aminostearic acids, XBFJ

Amino-steroids, JHBD

Aminosuccinic acid, SFKX

Amino sugars, UQJJ

3-Amino-1,2,4-triazole, FEMC

Ammonia, AFUE	CH ₄ , salts of NH ₃
Ammonium chloride, SJNU	NH ₄ Cl, salts of ammonium, salts
Ammonium compounds, AVED See also Hydrazonium compounds	NH ₄ X, salts of ammonium, carrier
Ammonium compounds, quaternary, JTHM	QTHM, extracting, carrier
Ammonium compounds, substituted, JTHM	OTAH, extracting, carrier
Ammonium hydroxide, DIQP	DIQP, extracting, carrier
Ammonium molybdate, NWFK	NWFK, extracting, carrier
Ammonium salts, NQJA	QJN, salts of ammonium
Ammonium soaps, UXNK	UXNK, salts of ammonium
Ammonolysis, BFGQ	BFGQ, extracting, carrier
Ampholytics, FFDB	FFDB, extracting, carrier
Amphoteric behavior and compounds, QUNE	QUNE, salts of ammonium
Amplifiers, FXEB	AFXB, extracting, carrier
Amplifiers, DC, carrier type, IWEI	IWEI, extracting, carrier
Amplifiers, DC, direct-coupled, FPAS	FPAS, extracting, carrier
α -Amylase, RMFW	RMFW, enzymes, also see oxidase
Amylases, FVMR	FVMR, salts of amylases
Amylopectins, JIDM	JIDM, extracting, carrier
α -Amylose, LLXB	LLXB, extracting, carrier
Amyloses, ADHJ	ADHJ, extracting, carrier
Anabasine, JSIC	JSIC, extracting, carrier
Anabolism See Anti-metabolites Metabolism	GRBL, extracting, carrier
Analogs, GRDA	GRDA, extracting, carrier
Analysis, RTDE	RTDE, extracting, carrier

Analysis, adsorption
See Chromatography

Analysis, bioassay, BGFL

Analysis, carbon-hydrogen, LSPR

Analysis, chemical, SFUP

Analysis, chromatographic
See Chromatography

Analysis, colorimetric, QFLJ

Analysis, conductometric, AECD

Analysis, displacement
See Chromatography

Analysis of fats, RLBV

Analysis, fluorometric, LGVI

Analysis, gravimetric, FFEQ

Analysis, inorganic, qualitative, KQMU

Analysis, inorganic, quantitative, LXJR

Analysis, macro-, OXHJ

Analysis, micro-, JHAB

Analysis, microbiological assay, IFAK

Analysis, organic, qualitative, IBFU

Analysis, organic, quantitative, VKQH

Analysis, polarographic, RNDV
See also Voltammetry

Analysis, semi-micro, KOKO

Analysis, spectrophotometric
See Spectrophotometry

Analysis, thermal, AGBL

Analysis, turbidimetric, UJFL

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Anti-biotics, WQVS
See also Antiseptics

Antibodies, DAGA

Anti-carcinogens, KXQD

Anticoagulants, TSRV

Anti-foaming agents, RUDO

Anti-hypertensives, WERX
See also Tranquilizers

Antimalarials, OQBX

Anti-metabolites, FUSE

Antimony, DFGM

Anti-odorants, FODM

Anti-oxidants, HAPK

Anti-rachitics, DJHQ

Antiseptics, IKWC
See also Anti-biotics
Bactericidal action
Disinfectants

Anti-spattering agents, LLSI

Anti-static agents, LWKF

Anti-tubercular activity, MXWW

Anti-vesicants, UODV

Anti-vitamins, FUSE

Aorta, HJUQ

Apparatus, VEJK

Apples, HOPG

Applications, XIBL

Apricots, DUVM

- Aquabase, KPTW
See also *Emulsions*
- Aquaphor, KPTW
See also *Emulsions*
- Arabinoses, HBFG
See also *Carbohydrates*
- D-Araboascorbic acid, ROFI
See also *Vitamins*
- Arachidic acid, KXSN
See also *Fatty acids*
- Arachidonic acid, BJJD
See also *Fatty acids*
- Arachin (peanut protein), XRER
See also *Proteins*
- Areas, AUXK
See also *Surfaces*
- Arginine, EBSK
See also *Proteins*
- Argon, FLHJ
See also *Gases*
- Aromas, TFNT
See also *Perfumery*
- Aromatic compounds, LATB
See also *Organic compounds*
- Aromatization, IMCL
See also *Dehydrogenation*
- Arsenic, UAEH
See also *Poisonous elements*
- Arteries, HJUQ
See also *Blood vessels*
- Arteriosclerosis, XWJM
See also *Atherosclerosis*
- Artifacts, RPQR
See also *Chemical reactions*
- Arylation, PBWT
See also *Organic reactions*
- Aryl groups, TSWH
See also *Organic groups*
- Aryl halides, FLFA
See also *Organic halides*
- Aryloctadecanols, XHIF
See also *Organic compounds*
- Arylstearic acids, IORW
See also *Organic acids*
- D-Ascorbic acid, NAXN
See also *Vitamins*
- L-Ascorbic acid, SAWW
See also *Vitamins*

Ascorbyl esters, VPNT

Ash, LHEQ

Asparagine, QMGD

Aspartic acid, SFKX

Asphalt emulsions, XDSH

Assay, enzyme, TSJE

Assimilation, IBUD

See also Metabolism

Ataractics, KTMM

Atherosclerosis, NGDD

See also Arteriosclerosis

Atlas G-products, ONUO

Atmospheric conditions, MLCM

Atomic nuclear phenomena, FVCJ

See also Isotopes

Atomic structure, GNXK

See also Atomic nuclear phenomena

Atoms

Atomizers, OUVC

Atoms, OPJW

Aurones, DDUV

Autoclaving, RGGR

Autolysis, PVLJ

Autoxidation, QWJA

Auxins, MBUE

Avicel, IBXJ

Avocado oil, VKEW

Awards, ISOH

Azelaic acid, ANJO

Azeotropes, QLCW

Azetidine-2-carboxylic acid, CIDO

Azides, XEVQ

Azlactones, JRJL

Azo compounds, JHBH

See also Diazo compounds

Azure stains, TQIS

Babussu oil, FMOW

Bacilli, PRBP

See also Bacteria

Clostridia

Microorganisms

Bacillus thermoacidurans, TDOG

Bacteria, OQVG

See also Bacilli

Clostridia

Microorganisms

Bacteria, alkali-tolerant, VPOK

Bacteria, anaerobic, ICXH

Bacteria, halophilic, IXOL

Bacteria, intestinal, RXBK

Bacterial enzymes, MJTA

Bacterial identification, GWOQ

Bacterial pigments, GAXI

Bacteria, pathogenic, OUOX

Bacteria, psychrophilic, VVTX

Bacteria, salt-tolerant, AJWT

Bacteria, thermophilic, CNCE

Bactericidal or bacteriostatic action, UQGP

See also Anti-biotics

Antiseptics

Disinfectants

Bactericides, AQMR

Bacteriology, VTSP

See also Microbiology

Bacteriophage, PCRQ

Bacteroides, EQNW

Baking, JMQF
Ball mills, TQBL
Bananas, UHKK
Barbiturates, GWLQ
Barium, ISLW
Barium soaps, DABC
Barks, cedar, JJLT
Barks, conifer, JCMP
Barley, CAMD
Barre Co., NGBJ
Barrier creams, NMBX
Bars, detergent, DNID
Base-exchanging substances, WGMV
Basement membrane, ISAB
Bases, QKUS
Bases, heterocyclic, JFGW
Bases, organic, FRTA
Basic research, FMJN
Batch process, CSOG
Bating, AJEX
Batyl alcohol, EJRV
Baume scales, ISJO
Beans, WUVN
Beef, EVSW
Beef fat, NDTT
Beer, QHBJ

Beer-Lambert law, VFLK

Beeswax, DFAH

Beet juice, JAAF

Beetles, GICH

Beets, LFQH

Beet sugar, EDBB

Behavior, XSXU

Behenic acid, LSDX

Behenolic acid, TTSV

Bentonite, PQOT

Benzal chloride, HTIK

Benzaldehyde, HQXK

Benzene, PKHF

Benzoid compounds, BAFR

Benzidine, OQNC

Benzimidazoles, PDEW

Benzine, HTRN

Benzoates, USMX

Benzoic acid, MEFA

Benzoic acid, Bureau of Standards, UCPD

Benzoquinone, RFGR

Benzoyl derivatives, FVKK

Benzylamine, IFMX

Beryllium, VJQP

Betaines, BSLL

Betulinol, GOND

Bismuth, XRSN

Bitterness, JJCT

Biuret reaction, LJEK

Blackberries, JWHB

Bleaching, NSCP

See also Decolorization

Bleeding (of colors, dyes, greases, etc.), ACLI

Blenders, OQWK

Blenders, ribbon, TMMS

Blending (no shear), BEPA

Blocking groups, RGTC

Blood, KOHH

See also Plasma

Serum

Blood, animal, MFHF

Blood, human, WRTR

Blood cells, FWPG

Blood cells, Platelets, JSLU

Blood cells, red, DOWK

Blood cells, white, KUSF

Blood cholesterol, ILLH

Blood lipides, GTRX

Blood lipoproteins, NNLL

Blood plasma, TFIN

Blood pressure, RXMX

Blood serum, XHXC

Blood steroids, MTRA

Blood sugar, DHXL

Blood vessels, UWRV
See also Arteries

Blow cases, QULJ

Blowers, UGAF
See also Fans

Blueberries, CLVP

Blue value (starch determination), QDVP

Boilers, OHDM

Boiling points, CJTL

Bond angles, ORNU

Bond lengths, LJSU

Bonds, BSIK
See also Molecular association

Bonds, covalent, TTJV

Bonds, ionic, NJNC

Bonds, pi, electron, JAKL

Bonds, sigma, OVWT

Bone, ICMT

Bone black, UPRF

Bone meal, DLBF

Boranes, AVRV

Borates, WWHW

Borax, SKVX

Boric acid, MCOQ

Borneol, WHAX

Borohydrides, VPTC

Boron, INWB

Boron-10, WVIF

Boron fluoride, FUMP

Boron hydrides, AVRV

Boron trifluoride, FUMP

Botany Mills, ASHG

Bound water, PBDK

Bovine animals, DACQ

Bradford Corporation, TAIK

Brain tissue, GRBP

See also Nerve tissue

Branched-chain compounds, BLCJ

Branding fluids, wool, scourable, JOVO

Brand marks, (on hides), JQLP

Brassica genus, EJER

Brassidic acid, NFWA

Bread softeners, EMHN

Breaking strength, QESR

Break of Leather, CVEC

Brines, TXSF

Briquetting, CCNB

Brix scale, JOAO

Broad-leaf plants, LBRH

Broccoli, WLM

Bromelin, PGDJ

Bromination, RDPX

α -Bromination, MKPB

See also Hell-Volhard-Zelinsky

Bromine, XHUC

N-Bromoacetamide, PLFD

Bromoalonic dialdehyde, JQSI

α -Bromo-p-phenylacetophenone (p-phenylphenacyl bromide), XCTJ

Bromosteroids, TRBI

N-Bromosuccinimide, NVLD

Bromphenol blue, KPHG

Browning, enzymatic, PDKJ

Browning, nonenzymatic, UKQV

Bruising, IDCJ

Bubbles, DAHX

Budget, IOWL

Buffers, WKS0

Buffers, acetate, AWXN

Buffers, acid, CDIC

Buffers, alkaline, DNOL

Buffers, borate, SMXJ

Buffers, citrate, DMMJ

Buffers, phosphate, RMGT

Buffers, phthalate, SPXV

Buffers, veronal, CXMB

Builders, (soap & detergent), SDBX

Bull hides, SVWD

Bulls, JAXD

Bursting strength, UDWR

See also Tensile strength

Butanol, BQUC

2-Butenoic acid, cis-, RKHN

2-Butenoic acid, trans-, GNJC

Butter, ERWS

Butterfat, ERWS

Butter flavor, DUCM

Butter substitutes, OUWS

Butyl groups, CSKL

tert-Butyl hypochlorite, BIVE

Butyric acid, UIRK

Butyrospermol, MBFO

By-products, ROHH

Cabbage, TCOE

Cachaza, KEPO

Cadmium soaps, OOUC

Caffeic acid, KKSW

Caffeine, FJTH

Caffetannins, KCHO

Calciferol, WDGТ

Calcification, PJJM

Calcium, XMIW

Calcium chloride, SAVX

Calcium hydroxide, RCXJ

Calcium oxide, RCXJ

Calcium phosphates, VWOD

Calcium salts, RWGK

Calcium soap dispersions, TRSC

Calcium soaps, VFVX

Calcium stability, OATN

Calfskins, ONSP

Calibration, KAOS

Caloric intake, XWLC

Caloric studies (nutrition), VANR

See also Calorimetry

Heat

Nutrition

Thermodynamics

Calorific value, XNLE

See also Heat of combustion

Calorimetry & calorimeters, LXEG

Carbohydrate thioethers, HRAC
Carbon (elemental), NMXQ
Carbon-14, RXAS
Carbon, activated, UPRF
Carbon black, (pigment), MXUG
Carbon chain extension, MOTM
Carbon dioxide, HKJH
Carbon disulfide, XRCG
Carbonic acid, QTEA
Carbonium ions, BUNX
Carbon monoxide, AIHA
Carbon tetrachloride, JUKA
Carbonyl chloride, SIAK
Carbonyl compounds, SMAB
 See also Aldehydes
 Ketones
Carbonyl determination, FJCM
Carbonyl group, OGIX
Carbowax compounds, RHOJ
4-Carboxy-2-azetidinone, QNVP
Carboxylation, NEKD
Carboxyl group, EOAW
Carboxymethylcellulose, IWNI
Carboxymethyl group, KOJX
Carboxypeptidases, PCPI
Carboxylpolypeptidases, PCPI
Carcinogenesis, inhibition of, KXQD

Carcinogens, NELL

Carcinolytic agents, AMQJ

Carcinoma, DJRR

Carnauba wax, JUNC

Carotene, MOFS

Carotenoids, UBMU

Carpet cleaning, AWWB

Carrageenin, EWWG

Carriers, fibrous (for abrasives & polishes), WAJA

Carrots, FWEX

Cartilage, JTPU

Casein, KPPE

Castoreum, DBCE

Castor oil, VETA

Castor oil, hydrogenated, LUXN

Catabolism

See Metabolism

Catalysis & catalysts, KMDA

Catalysts, acid, ESLA

Catalysts, basic, PJCK

Cataphoresis, TOKG

Catechol, CMQI

Catechol tannins, TEUG

Cathepsin, PCOJ

Cathode followers, VAJS

Cation-exchanging substances, WGMV

See also Ion-exchanging resins

Cations, EWEW

See also Bases

Ions, electrolytic

Cations, divalent, HUHH

Cations, trivalent, QTDJ

Cattle, DACQ

See also Bulls

Calves

Cows

Steers

Cattle hides, FTPD

Celestine Blue B stain, LNAS

Celite, SUEW

Cell constituents, KPKJ

Cell division, SMSK

Celllobiose, RIJQ

Cellophane, NXMG

Cells, WKEV

Cellular morphology, AMEU

Cellulase, CALK

Cellulose, SUOT

Cellulose acetate, UNKT

Cellulose derivatives, GVEF

Cellulose powder, RQHR

Cell wall, CBUL

Cement, UHMI

See also Adhesives

Sealing compounds

Centrifuges & centrifugation, PING

Cephalins, PXPE

Cera emulsficans, CQFG

Cerálan, QLCJ

Ceramics, BHIS

Ceramol, KCBP

Cereals, QELF
See also Grains

Cerebrin, CKME

Cerebronic acid, XFKT

Cerebrosterol, FINL

Ceresin, MOSO

Cerium soaps, GDVD

Ceroids, PUKN

Ceroplastic acid, WHLV

Cerotic acid, XFJG

Cerumen, CVOP

Ceryl alcohol, CBGC

Cetiol, RFKE

Cetiolan, FQKE

Cetoleic acid, NROF

Cetyl alcohol, VPVF

Chain degradation, LXCP

Chain extension, MOTM

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(Ethylenedinitrilo)tetraacetic acid, IFOJ

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Fatty acids, essential, UKSF

Fatty acids, free, NBQA
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Fatty acids, haloalkoxy, HRCP
Fatty acids, halogenated, XMVC
Fatty acids, halohydroxy, VCVQ
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Fatty acids, hydroxyamino, BJGL
Fatty acids, keto, JTBF
Fatty acids, long-chain, SNVO
Fatty acids, methylene, WEGW
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Fatty acids, monohydroxy, KNTM
Fatty acids, monounsaturated, PNMQ
Fatty acids, odd-carbon, OAEX
Fatty acids, oxygenated, FKPP
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Filling material, THMC
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Florida, AFWC

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Flower-life extension, WTAC

Flow, gas, FKER

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Furfuran, AKID

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D-Glucose, 4,6-di-O-methyl, MWBM

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Glucosides, AEPM

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α -Gluronidase, SEPT

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Glycosides, AEPM

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Hydrocarbons, saturated, XFFG

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Oxidation, chromic acid, UWDC
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Perborates, QFTE

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Phenoxy acids, EKQE

4-Chlorophenoxyacetic acid, PIVT

2,4-Dichlorophenoxyacetic acid, FIUS

3,4-Dichlorophenoxyacetic acid, APRF

4-(2,4-Dichlorophenoxy)butyric acid, EMIL

2,4-Dichlorophenoxyethyl sulfate, SIBF

2-(2,4-Dichlorophenoxy)propionic acid, UAEC

2-Methyl-4-chlorophenoxyacetic acid, RDNQ

4-(2-Methyl-4-chlorophenoxy)butyric acid, OKWF

2-Methyl-4-chlorophenoxyethyl sulfate, MFRI

2-(2-Methyl-4-chlorophenoxy)propionic acid, XXHR

2,4,5-Trichlorophenoxyacetic acid, GVMJ

4-(2,4,5-Trichlorophenoxy)butyric acid, OKCS

2,4,5-Trichlorophenoxyethyl sulfate, IAQG

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β -Phenylacrylic acid, trans-, FSAW

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o-Phenylphenol, AEQH

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Phloionolic acid, NKED

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Phosphorus pentachloride, CBHX

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Pineapples, EIHW

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Polymers of vinyl alcohol, DKKK

Polymers of vinyl chloride, MKHH

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Precipitation, TGAW

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Preheaters, EQML

Pregnene derivatives, TNMG

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Presidential Commission, LIUO

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Pyridine nucleotides, SPQH

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Pyridoxine, MIOE

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4-Pyrone, 5-hydroxy-2-(hydroxymethyl)-, EEFV

Pyrophosphates, EQXR

Pyrosulfates, DRDC

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Pyrrolidine, CIQO

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Quercitrin, WVBE

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Radioelements, QMDX

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Radiography, auto, KDRC

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Rayon, viscose, UVGL

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Rearrangement, random (of glycerides), GOOB

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Red heat (hide damage), XSGK

Redox, JIGW

Redox, aqueous, WSLI

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Reducing agents, AAPD

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Reduction, biological, PUKC

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Reduction, chromous chloride, OBCA

Reduction, Clemmensen, UQIH

Reduction, electrolytic, XVTB

Reduction, lithium aluminum hydride, ADEB

Reduction, metal hydrides, BROQ

Reduction, sodium, DQTN

Reduction, Wolff-Kishner, NFGG

Reduction, zinc and acid, MTII

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Regulators, current, VL0D

Regulators, flow, RBLN

Regulators, flow, gas, LRQA

Regulators, flow, liquid, WSOW

Regulators, frequency, MWFF

Regulators, humidity, UFHS

Regulators, level, AGNE

Regulators, pressure, BNFM

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Regulators, temperature, BSPE

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Relaxation (NMR), MMVM

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Relaxin, OQIX

Relays, MIRS

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Rendering, MKNX

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Repairs and maintenance, KMLT

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Reports, HKAS

Reprints, LMSL

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Research administration, HWJM

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Research, federal, NSHF

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Resistance, electrical, SIUQ

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Respiration, plant, UDXW

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Rhamnose, FRWK
Rheology, BGUR
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Rhizosphere, SLRC
Rhodanates, rhodanides, PRCK
Rhodium, SQQR
Ribonuclease, AUQD
Ribonucleic acids, ICEK
Ribose, XWDR
Ribosides, NBHV
Rice, XFIQ
Rice bran oil, CJUN
Rice bran wax, PFAL
Ricilan, PLIN
Ricinoleic acid, HLNP
Rindite, JEKA
Rinehart-Hale stain, BXWD

Ring cleavage, NWVF

Ring closure, JNGU

Ring compounds, WTDS

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Rivanol (2-ethoxy-6,9-diaminoacridine lactate), MNGV

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Roses, LFDT .

Rosin, MFSR

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Rosin esters, QMUW

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Rubber latex, TLGX

Rubber, natural, MNSO

Rubber, synthetic, UKAN

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Rural development, BKFM

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Saccharic acid, BXCK

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Saccharinic anilides, UBCE

Saccharomyces, OCER

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Salaries, FWXD

Salicylaldehyde, QTNI

Salicylates, STHX

Salicyclic acid, HADI

Salicyloylhydrazide, KUAT

Saliva, UMLE

Salivary glands, KWSV

Salkowski test, DLBE

Salt, DGTU

Salt effects TXJO

Salts, LGPB

Salt spots (on hides), UEGQ

Salves, DNSM

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Sapamines, QRTS

Sap, maple, TAHN

Saponenins, WTQD

Saponification, KUEP

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Saponification, differential, LKAV

Saponification number, PDRN

Saponification, pressure, JEHI

Saponification, selective, LKAV

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Sapwood, KGSM

Sarcosinates, NNWR

Sarsasapogenin, AGVS

Saturation, ICDI

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Scrubbing towers, THDQ

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Sealing compounds, MVWW

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Seals, rotary vacuum, IGRI

Sea water, APON

Sebaceous glands, SJVC

Sebacic acid, KHGU

Sebum, OWWR

Sedatives, UUGJ

Sediment, WEBN

Sedimentation, WTIM

Sedimentation constant, AIDA

Sedoheptulose, WQDN

Sedoheptulosan, EUQU

Seed proteins, DRXV

Seeds, BNPR

Selacholeic acid, UIAK

Selective stains, GTNW

Selenium, NTTQ

Selenium compounds, HUUU

Selenium dioxide, OMAL

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Semicarbazides and semicarbazones, UIEI

Semiconductors, QHQU

Semi-micro analysis, KOKO

Sensitivity to antibiotics, GRAN

Sensitivity of apparatus, QKIH

Sensitivity of methods, TNLI

Sensitization, PNXK

Sensory testing, APFG

Separation, BEFK

See also Fractionation

Separators, centrifugal, PING

Separators, cyclone, CTQS

Separators, foam/froth, IEEE

Sequence, TBQJ

Sequestering agents, UEKK

Sequestration, FCRV

Serine, GNRT

Serum albumin, KFTI

Serum, blood, XHXC

Serum cholesterol, ILLH

Serum lipides, KSTD

Servo systems, TEKF

Sesame oil, MPIP

Sesquiterpenes, EIPA

Sesquiterpenoids, EIPA

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Sewage, detergents in, ESSE

Sewage treatment, JPOG

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Shampoos, DRHM

Shape, QHNI

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Sharks, FEDV

Sharkskin, UGXA

Shea butter (shea-nut oil), LGUU

Sheep, GHWC

Sheep-branding fluids, scourable, JOVO

Sheep fat, OQMM

Sheep skins & hides, KEDO
Sherbets, WOII
Shielding, ACHR
Shikimic acid, AUNP
Shipping, FWWE
Short-chain compounds, WQHP
Shortening, animal fat, UJXU
Shortening, hydrogenated vegetable, XRLF
Shorting, TXFU
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Sialidase, HVKA
Siccatives, WSUU
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Side-chain groups, polar, FHXX
Side-stream drainoff, OEPP
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Silanes, SKAT

Silica gel, QXFR

Silicates, JTQV

Silicic acid, QXFR

Silicon, ADPJ

Silicon derivatives, fatty materials, MJUN

Silicone polymers, OBAP

Silicones, MDRK

Silicon tetrachloride, JGCF

Silicotungstic acid, MJEH

Silk, BGIF

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Sirups, NPXB

Sitosterols, GEIX

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Skim milk, WPHR

Skin, absorption by, SVRR

Skin, animal, RJLS

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Skin protection, CLOO
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Slushing compositions, TWHF

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Smoke, MQSS

Soaking, MLMX

Soaps, UEFN

Soaps, alkaline earth, SDRK

Soaps, dry-cleaning, AHPP

Soaps, floating, KFUS

Soaps, lanolin, JJHA

Soaps, liquid, LKLQ

Soaps, medicated, KLRC

Soaps, metallic, SDRK

Soaps, oil-soluble, FWEC

Soaps, powdered, CBBF

Soap stock, KAUL

Sodium, JHDA

Sodium amide, TETA

Sodium benzoate, CVAT

Sodium bisulfite, AGRV
Sodium carbonate, OCRR
Sodium chloride, DGTU
Sodium chlorite, IOXL
Sodium cyanate, RKGA
Sodium cyanide, LMVX
Sodium dispersions, TJXS
Sodium fluoride, NNFM
Sodium handling, XCNJ
Sodium hydroxide, XUAH
Sodium nitrite, BRLW
Sodium phosphates, UXTE
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Soil conditioners, XCJO
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Solan, ONUO
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Soldering flux, RQKM
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Solidification point, IAKE

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Solulan, ONUO

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Solvent mixtures, GQTO

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Solvent recovery, JBMJ

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Solvents, hydrocarbon, SXDF

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Solvents, ketone, KKQF

Solvents, organic, VLMQ

Sorbic acid, RTIH

Sorbitol, VHMN

Sorbose, VBWF

Sorbotex, KPTW

Sorghum, NHIH

Sorghum wax, VDQF

Sorption, ONBR

Sorting, CSVJ

Sound recording, PKIL

Sound recording, magnetic, SBCL

Source, GLKS

Soybean foods, FOXB

Soybean oil, LHUT

Soybean proteins, MOIU

Soybeans, WLGC

Spanish broom, HPGL

Spans, DVUJ

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Specifications, LMRH

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Specific gravity, MXBM

Specific heat, FEED

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Apectrophotometry, LLDF

Spectrophotometry, flame, CPJL

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Spectrophotometry, ultra violet, IXLH

Spectrophotometry, visible range, PVGX

Spectrophotometric cells, TSOD

Spectrophotometric solvents, GGBG

Spectroscopy, emission, KIEK

Spermaceti, SEAB

Spermatozoa, CRJL

Sperm head oil, EHHX

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Sphingomyelin, SFLA

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Spin echoes, WEAS

Spin-lattice, QXSL

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Splitting, XXGX

Spontaneous ignition, IXJX

Spores, JVHA

Spot tests, DNTK

Spray-cooling, LVKA

Spray-drying, XEQU

Sprayers, OUVG

Spray reagents, MCKK

Sprays, aerosol, BVBI

Spreading agents, JLFL

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Squalene, TOSV

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Stabilizers, VEEQ

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Stacking, EEBR

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Stains, selective, GTNW

Stalagmometers, LJGO

Standardization, FFUW

Standard samples, JCXD

Standards & grades, OOVI

Starch, HSPO

Starch derivatives, IPHT

Starch electrophoresis, BCVO

Starch, fractionation (by molecular weight), TEQW

Starch, separation (into amylose & amylopectin), ANNH

Starch utilization, FGOF

Star packing, THPT

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Steam injection, UHSL

Steam stripping, QVSD

Stearic acid, WQUH

Stearolic acid, NDBN

Steer hides, BDAN

Steers, EGEN

Stems, SJET

Stenols, DRHJ

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Stereochemistry, LJIP

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Steroid alkaloids, WCVT

Steroidal nitrogen compounds, CPFL

Steroid dibromides, TRBI

Steroid epoxides, CHFJ

Steroid esters, NT00

Steroid ethers, CFCT

Steroid ketals, NRPI

Steroid metabolism, GCVM

Steroid oxides, JKCC

Steroids, VJQI

i-Steroids, FAHG

Steroids, blood, MTRA

Steroids, bromo-, TRBI

Steroids, chemical activation, AIBT

Steroids, epi-, HWII

Steroids, halo-, MCEA

Steroids, homo-, CUGT

Steroids, keto-, APUJ

Steroids, methyl-, KVRT

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Steroids, recovery of, SUTX

Steroids, selective reactions, JUTN

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Strain, DKNO

Stratigraphic analysis, DNJM

Straw, DFHX

Strawberries, VDFO

Strecker degradation, of amino acids, JVUA

Strecker synthesis, alkane sulphonic acids, SIAH

Strecker synthesis, α -amino acids, CUEP

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Stresses (biological), QECU

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Strontium, OTED

Strontium soaps, MEEH

Structure & properties, BMWR

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Structure, physical, LACJ

Styrene, NKHH

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Sublimation, KMMT

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Substitutes, GVCJ

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Succinic acid, DTXS

Sucrolan, PLIN

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Sugarcane oil, SATA

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Sugar Work Project, WBTI

Suint, PVMC

Suint, composition, LTVI

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Sulfamic acid, MSMV

Sulfan B, RRHL

Sulfanilic acid, XENN

Sulfated oils, NVIC

Sulfate esters, IREX

Sulfates, RGWF

Sulfates, organic, OCEV

Sulfation, DVJN

Sulphydrates, XQTI

Sulphydryl compounds, MPXJ

Sulfides, DTXX

Sulfides, cyclic, RRPG

Sulfination, KMUG

Sulfinic acids, KKDT

Sulfites, CXDQ

Sulfoacetates, PCNF

Sulfocyanates, sulfocyanides, PRCK

Sulfonamides, MIUE

"Sulfonated" oils, NVIC

Sulfonate esters, PQWH

Sulfonates, PQWH

Sulfonation, FJOH

α -Sulfonation, WOPJ

Sulfones, DLDI

Sulfonic acids, FJTD

Sulfonium compounds, BSEV

Sulfonyl chlorides, PWKH

Sulfotransferase activity, LJTQ

Sulfoxidation, FJCH

Sulfoxides, HJSU

Sulfur, NLDM

Sulfuration, DSJS

Sulfur compounds, TPCL

Sulfur, determination of, HWCE

Sulfur dioxide, XEBP

Sulfur dioxide, liquid, TGVB

Sulfur-halogen compounds, QQVQ

Sulfuric acid, JSRB

Sulfurization, DSJS

Sulfur-nitrogen compounds, DDSI

Sulfurous acid, EUFR

Sulfur-oxygen compounds, FSXU

Sulfur-oxygen-halogen compounds, XANF

Sulfur trioxide, RRHL

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Sumac, WBAO

Sunburn preventives, NCUV

Sunscreening agents, NCUV

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Supercontraction, MSDV

Superfattening, MLIW

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Surface-active substances, BMUP

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Surface layers, GINJ

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Surfactants, gas well liquid removal, SHXM

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Susceptibility, QXSO

Suspending agents, HORK

Suspensions, KNDC

Sutures, UGDW

Sweat glands, JJBD

Sweet potatoes, TEFO

Swelling, HGPR

Swift test, LFWO

Swine, AJVU

Symbiosis, AUMA

Symmetry, GMAF

Symposia, UNWP

Syndets, SVLA

Synergism, ENND

Synovial fluid, RDVJ

Syntans, XJJW

Syntans, auxiliary, AAGX

Syntans, combination, OXRN

Syntans, exchange, OQKS

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Synthesis, asymmetric, UROK

Synthesis, electrolytic, BWBF

Synthetic detergents, SVLA

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Tackiness, GDNW

Tagatose, UCTU

Tall oil, TJAO

Tall oil fatty acids, CHDE

Tallow, ACQL

Tallow alcohols, CTMR

Tallow, beef, NDTT

Tallow, edible, NTVK

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Tallow hydrogenated, WLUX

Tallow, inedible, OQOE

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Tallow, mutton, OQMM

Talose, SVBJ

Tanks, QJSI

Tannage, WSCS

Tannage, chromium, LBSE

Tannage, resin, BOMR

Tannage, vegetable, TUNX

Tannase, ILUX

Tanneries, HSLT

Tannic acids, CTLN

Tanning, WSCS

Tannins, CTLN

Tannins, condensed, VXXD

Tannins, hydrolyzable, NVUI

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Tartaric acid, ULJH

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Tear tests, PQNN

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Technology, GHXD

Teepols, ADMB

Teeth, IEBO

Teflon labware, AIJM

Tellurium, AATW

Tellurium compounds, GWJN

Temper, SDPP

Temperature, HJVK

Temperature-dependent phenomena, DIXQ

Temperature history, RHJP

Template theory, PSJC

Tendons, EEGV

Tensile strength, QESR

Tension, VFKU

Tergitol, GSIC

Terminal groups, WPBV

Terminology, HIOC

Ternary mixtures, XAUM

Terpenes, MSAU

Terpenes, biogenesis of, CDWJ

Terpenoids, MSAU

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Tetrahydrofuran, BHXW

Tetraphosphoglucosate, WDDU

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Tetronics, RINT

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Textile processing agents, AHAI

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Texture, UJJE

Thallium, VQIH

Thapsic acid, OLNF

Theobroma oil, IDTT

Theory, SHOX

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Thermal decomposition, DOCS

Thermal diffusion, PTJR
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Thermal diffusion columns, PUWH

Thermal properties, JQDS

Thermal stability, FWRW

Thermocouples, FOAM

Thermodynamics, AXXX

Thermodynamics, irreversible, GEJW

Thermolysis, OOHJ

Thiamine, FVOU

Thickeners (equipment), NGRT

Thickening materials, OWNP

Thickness, GJEK

Thiirane, CUIE

Thio-acetals, GBSA

Thio-acids, HUBI

Thio-aldehydes, THIA

Thiobarbituric acid, SWDM

Thiocholesterol, WJDX

Thio-compounds, MISQ

Thiocyanates, thiocyanides, PRCK

Thio-ethers, DTXX

Thio-ethers, cyclic, RRPG

Thiohydantoins, CCOB

Thiohydantoin, 3-phenyl-2-, RPHE

Thio-ketones, XULR

Thiol esters, JJQU

Thiol esters, color test, BOHU

Thiol groups, ONVQ

Thiols, MPXJ

Thiones, XULR

Thionyl chloride, LOEE

Thiophene, UMWG

Thiophene derivatives, VQEN

Thiosemicarbazones, IXSK

Thiosulfonic acids, JQHB

Thiosulfuric acids, SRMN

Thiouracil, BXUP

Thiourea, QLGH

Thiourea complexes, BUOW

Thiourea, expanded, VHLL

Thiuronium compounds, VQNB

See also Isothiuronium compounds

Thiuronium compounds, S-benzyl-, UIPS

Thixotropy, HLSE

Thorium, XPBG

Thorium soaps, UDDU

Threonine, PQPC

Threose, FLHN

Thrombin, XQND

Thymol, FSMS

Thyratrons, PWLJ

Thyroxine, QTBF

Tiglic acid, FNIC

Tigogenin, CEPB

Time delay devices, OGSQ

Time, measurement of, JRB_U

Time phenomena, JTLT

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Tin, DMCM

Tin salts, RKSX

Tin tetrachloride, NFQX

Tissue, animal, TINI

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Tissue blocks, WWRS

Tissue cholesterol, HAMQ

Tissue culture, ODUQ

Tissue, elastic, NXAI

Tissue fats, XXLO

Tissue, plant, BXCC

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Tissue sections, WPJQ

Titanium, NDAJ

Titanium soaps, LBEG

Titer, of fatty acids, HVVB

Titration, amperometric, XBPX

Titration, conductometric, AECD

Titration, coulometric, QPPI

Titration, coulometric, constant current, SBAM

Titration, coulometric, constant potential, RXWJ

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Titration, electrometric, GJRI

Titration, high-frequency, FNFG

Titration, indicator, RJEK

Titration, iodometric, IVHO

Titration, non-aqueous, NSDX

Titration, potentiometric, ABKH

Tobacco, LKHE

Tobacco, fire-cured, SPHI

Tobacco, flue-cured, FPCD

Tobacco mosaic virus, DMHI

Tobacco-seed oil, DOKE

Tocopherols, IKED

Tolidine, BSPQ

Tolidine derivatives, LFNQ

Toluene, HGOS

p-Toluene sulfonates, OCDU

p-Toluene sulfonic acid, VN00

p-Toluidine, JDVJ

Tomatidine, BXPS

Tomatine, LQDC

Tomatoes, FWLP

Tomato-seed oil, BCUB

Tonofibrils, LACA

Tosylates, OCDU

Total solids, ECAH

Tout oil, XPXF

Towers, bubble cap, XDRR

Towers, packed, GEQL

Toxicity, PWAA

Toxicology, BMCL

Tracers, radioactive, TMGU

Trade names, XQXF

Training, WCLC

Tranquilizers, KTMM

Transamidases, GFPI

Transamidation, KVUF

Transamidination, KVUF

Transamidinases, GFPI

Transaminases, TBGD

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3-(3,4-Dichlorophenyl)-1,1-dimethyl urea, NRKN
3-(3,4-Dichlorophenyl)-1-methyl-1-N-butylurea, UCQO
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